

**Work Order ID 67515**

Saturday, March 26, 2011 9:14:23 AM



Ship April 8th Page 1

Item ID: D130-701-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Conversion Installation

Start Date: 3/28/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/7/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan: MF

Date: 11-03-27

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

IIN D130-701

C

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy blue file and type labels per PPP D130-701-011 CHG004

Sulaylo

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

C413/31

150

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

Sulaylo

74

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 67515**

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Item ID: D130-701-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Conversion Installation

Start Date: 3/28/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/7/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D130-701-011								
	Location: _____								
	PPP Rev: <u>D</u>								
170		0.00							
	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

10/19/16

11/4/16

mrf

11-04-06

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

Saturday, March 26, 2011 9:14:17 AM

Page 1

Work Order ID: 67515

Parent Item: D130-701-011

Parent Item Name: Basket Conversion Installation



Start Date: 3/28/2011

Required Date: 4/7/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-04-19 JLM VERIFIED BY:DD IPP  
Rev:B 11.01.31 now @ chg003 DD verified by:ec IPP Rev:C  
11.03.21 now @ chg004 DD verified by:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S D4037-1  Aft Crossbeam		Manufactured	No			110	Each	1.0000	1	1			
<div>Location</div> <div>st200</div> <div>58464</div> <div>Loc Qty</div> <div>1</div> <div>1</div> <div>Loc Code</div>													
S D4037-3  Fwd Crossbeam		Manufactured	No			110	Each	1.0000	1	1			
<div>Location</div> <div>st200</div> <div>65766</div> <div>Loc Qty</div> <div>1</div> <div>1</div> <div>Loc Code</div>													
S D4038-041  Angle Assembly, Fwd, LH		Manufactured	No			110	Each	0.0000	1	1			
S D4038-042  Angle Assembly, Fwd, RH		Manufactured	No			110	Each	0.0000	1	1			
S D4038-043  Angle Assembly, Aft, LH		Manufactured	No			110	Each	0.0000	1	1			
S D4038-044  Angle Assembly, Aft, RH		Manufactured	No			110	Each	0.0000	1	1			

58464

67627

67548

67580

67582

67553

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 67515

Parent Item: D130-701-011

Parent Item Name: Basket Conversion Installation

Start Date: 3/28/2011

Required Date: 4/7/2011

Start Qty: 1.00

Required Qty: 1.00

D4039-041

Manufactured No

110

Each

3.0000



Fwd Bracket Assembly

Location

Loc Qty

Loc Code

ST192

3

58467

1

59135

2

Manufactured No

110

Each

3.0000

D4039-043



Aft Bracket Assembly

Location

Loc Qty

Loc Code

ST192

3

58469

2

59136

1

Manufactured No

110

Each

7.0000

D4040-1



Radius Block

Location

Loc Qty

Loc Code

ST116

7

59440

7

Manufactured No

110

Each

0.0000

D4090-5



Placard



58467  
59135

59136

59440 1x

67631

*h*

*h*

*h*

*6/13/31 ①*

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Shop Packet Print

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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# Picklist Print

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Page 3

Work Order ID: 67515

Parent Item: D130-701-011

Parent Item Name: Basket Conversion Installation

Start Date: 3/28/2011

Required Date: 4/7/2011

Start Qty: 1.00

Required Qty: 1.00

AN5-10A

Purchased

No

110

Each

202.0000

16

16



Bolt

Location

Loc Qty

Loc Code

ST337

202

115589

50

115700

2

116704

50

116924

50

117010

50

115700 216  
116704 148

MS20002C5

Purchased

No

110

Each

96.0000

8

8



WASHER

Location

Loc Qty

Loc Code

ST315

96

114619

96

114619

MS20002C6

Purchased

No

110

Each

88.0000

12

12



WASHER

Location

Loc Qty

Loc Code

ST315

88

114633

88

114633

MS21042L5

Purchased

No

110

Each

890.0000

24

24



Nut

Location

Loc Qty

Loc Code

ST300

890

114813

26

115594

168

116105

496

116548

200

115594

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Page 3

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 67515

Parent Item: D130-701-011

Parent Item Name: Basket Conversion Installation

Start Date: 3/28/2011

Required Date: 4/7/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042L6  
Nut  
Purchased No

110 Each 183.0000

12 12

Location	Loc Qty	Loc Code
ST300	183	
111578	4	
116373	79	
116548	100	

116373

MS21250-05032  
BOLT  
Purchased No

110 Each 8.0000

4 4

Location	Loc Qty	Loc Code
ST305	8	
114686	8	

114686

MS21250-05038  
BOLT  
Purchased No

110 Each 8.0000

4 4

Location	Loc Qty	Loc Code
ST305	8	
114686	8	

114686

MS21250-06018  
BOLT  
Purchased No

110 Each 10.0000

12 12

Location	Loc Qty	Loc Code
ST305	10	
116935	10	

10X

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Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Saturday, March 26, 2011 9:14:18 AM

Work Order ID: 67515

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Parent Item Name: Basket Conversion Installation

Start Date: 3/28/2011

Required Date: 4/7/2011

Start Qty: 1.00

Required Qty: 1.00

8 NAS1149D0563J Purchased No  
Washer

110 Each

451.0000

40 40

Location

Loc Qty

Loc Code

ST298

451

116702

451

110

Each

668.0000

12

12

5 NAS1149D0663J Purchased No  
Washer

Location

Loc Qty

Loc Code

ST298

668

114348

4

114988

36

115698

60

115996

68

116289

500

116289

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## REFERENCE ONLY

## 4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D130-701-041 (LH installation)	120 lb 54 kg	- 47.4 in - 1.20 m	- 5688 in-lb - 64.8 m-k-g	133.9 in 3.40 m	16068 in-lb 183.6 m-k-g
D130-701-041 (RH installation)	120 lb 54 kg	+ 47.4 in + 1.20 m	+ 5688 in-lb + 64.8 m-k-g	133.9 in 3.40 m	16068 in-lb 183.6 m-k-g
2 x D130-701-041 (LH and RH installation)	224 lb 102 kg	0.0 in 0.00 m	0 in-lb 0.0 m-k-g	133.9 in 3.40 m	29994 m-k-g 346.8 m-k-g
D130-701-043 (LH installation)	130 lb 59 kg	- 47.4 in - 1.20 m	- 6162 in-lb - 70.8 m-k-g	133.9 in 3.40 m	17407 in-lb 200.6 m-k-g
D130-701-043 (RH installation)	130 lb 59 kg	+ 47.4 in + 1.20 m	+ 6162 in-lb + 70.8 m-k-g	133.9 in 3.40 m	17407 in-lb 200.6 m-k-g
2 x D130-701-043 (LH and RH installation)	235 lb 106.8 kg	0.0 in 0.00 m	0.0 in-lb 0.00 m-k-g	133.9 in 3.40 m	31467 in-lb 363.1 m-k-g
D130-701-013 (Fixed provisions)	25 lb 11.4 kg	0.0 in 0.00 m	0.0 in-lb 0.00 m-k-g	133.9 in 3.40 m	3348 in-lb 38.8 m-k-g

## 5. PARTS LIST

Qty -041	Qty -043	Qty -011	Qty -013	Part Number	Description
X				D130-701-041	HELI-UTILITY-BASKET
	X			D130-701-043	HELI-UTILITY BASKET
		X		D130-701-011	CONVERSION KIT
			X	D130-701-013	FIXED PROVISIONS KIT
2	2			*D2022-101	SPACER
1	1			*D2258-220	LABEL
1	1			*D2332-041	PROP ASSEMBLY
1	1			*D2512	BASKET LID ASSEMBLY
1	1			*D2530	HANDLE ASSEMBLY
2	2			*D2535	SPRING
2	2			*D2537	BUSHING
2	2			*D2931	BUMPER
1	1			*D3172-041	BASKET BASE ASSEMBLY
2				D3173-041	BEAM ASSEMBLY
1				D3177-041	BRACKET ASSEMBLY
1				D3177-043	BRACKET ASSEMBLY
1	1			D3180-041	STRUT ASSEMBLY
1	1			D3181-1	BUSHING
	1	1	1	D4037-1	AFT CHANNEL
	1	1	1	D4037-3	FWD CHANNEL
	1	1	1	D4038-041	ANGLE ASSEMBLY, FWD, LH
	1	1	1	D4038-042	ANGLE ASSEMBLY, FWD, RH
	1	1	1	D4038-043	ANGLE ASSEMBLY, AFT, LH
	1	1	1	D4038-044	ANGLE ASSEMBLY, AFT, RH
	1	1		D4039-041	FWD BRACKET ASSEMBLY
	1	1		D4039-043	AFT BRACKET ASSEMBLY
	4	4	4	D4040-1	RADIUS BLOCK
	1	1		*D4090-1	PLACARD (ON BASKET LID)
	1	1		*D4090-3	PLACARD (ON BASKET LID)

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Revision: D

Date: 10.09.15

Qty -041	Qty -043	Qty -011	Qty -013	Part Number	Description
	1	1	1	D4090-5	PLACARD
2	2			*AN3-16A	BOLT
2	2			AN4-12A	BOLT
1	1			*AN4-22A	BOLT
1	1			*AN4-24A	BOLT
3 (2)	3 (2)			+AN4-7A	BOLT
4	16	16	16	AN5-10A	BOLT
4	4			*AN5-17A	BOLT
2				AN5-23A	BOLT
4	4			*AN970-4	WASHER
	8	8	8	MS20002C5	WASHER
	12	12		MS20002C6	WASHER
2	2			*MS20600AD4W3	RIVET
2	2			*MS21042L3	NUT (OR MS21042-3)
7 (4)	7 (4)			+MS21042L4	NUT (OR MS21042-4)
10 (4)	28 (4)	24	24	+MS21042L5	NUT (OR MS21042-5)
	12	12		MS21042L6	NUT (OR MS21042-6)
	4	4	4	MS21250-05032	BOLT
	4	4	4	MS21250-05038	BOLT
	12	12		MS21250-06018	BOLT
2	2			*NAS1149DN832J	WASHER (AN960JD8)
2	2			*NAS1149D0416J	WASHER (AN960JD416L)
7 (2)	7 (2)			+NAS1149D0463J	WASHER (AN960JD416)
16 (4)	44 (4)	40	40	+NAS1149D0563J	WASHER (AN960JD516)
	12	12		NAS1149D0663J	WASHER (AN960JD616)

\* Pre-assembled prior to shipping

+ Quantity in () preassembled prior to shipping

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